MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST, 1935

J. A. BROWN, DIRECTOR

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AUGUST 1935

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	55.6	55.3	55.0	55.3	32.5	22 8	28.9	31.9	26.5	29.1
2	2.9	2.0	2.2	2.3	32.5	24.5	29.3	30.8	26.5	28.9
3	2.2	2.5	2.8	2.5	32.4	25.2	29.5	31.6	26.6	29.2
4	3.5	3.3	4.0	3.6	32.7	24.4	26.6	32.4	26.7	28.6
5	4.8	4.7	4.9	4.8	32.7	24.4	29.1	32.1	29.4	30.2
6	55.0	54.7	54.9	54.9	32.8	24.4	28.8	32.1	26.9	29.3
7	4.3	3.6	3.7	3.9	32.5	24.6	29.3	30.9	26.4	28.9
8	0.3	3.0	3.2	2.2	32.7	22.8	28.6	32.1	25.6	28.8
9	4.2	4.0	5.4	4.5	32.5	24.2	29.3	31.5	26.5	29.1
10	5.8	5.4	4.9	5.4	32.3	23.6	29.5	31.2	26.3	29.0
11	55.5	55.1	56.0	55.5	31.9	23.3	29.4	30.6	25.5	28.8
12	6.7	6.7	6.1	6.5	32.2	24.4	29.4	31.2	25.8	28.8
13	5.9	5.2	5.3	5.5	32.3	23.6	28.6	31.5	25.6	28.6
14	5.5	5.4	6.7	5.9	32.7	23.4	28.8	32.2	25.9	29.0
15	6.5	6.0	6.1	6.2	32.3	23.3	29.1	31.7	25.6	28.8
16	56.5	55.8	56.0	56.1	33.0	23.3	28.7	31.9	26.2	28.9
17	5.9	5.3	5.6	5.6	33.4	23.9	28.4	32.6	26.6	29.2
18	5.9	5.6	4.9	5.5	34.0	24.7	29.3	32.7	27.6	27.8
19	6.5	6.8	7.3	6.9	32.8	24.7	29.1	32.2	27.2	29.5
20	7.4	6.8	6.8	7.0	32.7	23.9	29.4	32.1	25.8	29.1
21	56.1	56.0	56.6	56.2	32.6	23.1	29.8	32.1	26.1	29.0
22	6.4	6.4	7.4	6.7	32.8	23.1	28.1	31.7	26.5	28.8
23	7.4	7.5	4.8	6.6	32.7	23.8	28.9	31.9	26.9	29.2
24	6.3	5.9	6.4	6.2	32.5	24.2	29.3	32.1	27.1	29.3
25	6.4	5.6	5.9	6.0	33.4	23.3	29.4	32.2	26.2	29.3
26	56.1	54.8	54.3	55.1	31.9	25.4	29.7	31.1	26.5	29.1
27	4.5	4.3	4.2	4.4	33.0	24.9	30.1	31.7	27.8	29.9
28	5.6	5.9	6.2	5.9	33.4	27.2	29.7	32.5	26.5	29.6
29	7.4	6.8	7.0	7.1	33.3	21.2	30.2	32.6	26.6	29.8
30	6.9	6.5	6.7	6.7	34.0	24.2	30.0	33.2	26.9	30.0
31	6.3	5.9	5.7	6.0	33.3	23.9	30.1	31.7	26.5	29.4
	755.49	755.25	755.38	755.38	32.76	23.99	29.14	31.87	26.57	29.13

Barometer, range for month 750.3 mm.–757.4 mm.
,, 50-yr. average for month 756.153 mm.
Thermometer, Range for month 21.2 C.–34.0 C.
,, 50-yr. average for month 28.39 C.
Rain, total for month 0.0 mm.
,, , 50-yr. average for month 0.51 mm.
,, , total, Sept. 1st to end of month 975.86 mm.
50-yr. average, Sept. 1st to end of month 907.56 mm.

AUGUST 1935
METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	24.1	24.1	22.2	18.4	16.5	16.5	17.2	62	46	64	58	12.9	
2	24.1	25.2	23.5	18.2	19.2	19.1	18.8	61	58	74	64	12.0	
3	24.7	25.5	24.3	19.3	19.5	20.5	19.7	63	55	79	66	11.5	
4	22.4	26.6	24.5	17.0	20.9	21.0	19.6	65	58	81	68	12.2	
5	25.1	26.6	24.7	18.5	21.2	19.4	19.7	54	60	63	59	11.0	
6	25.5	25.9	24.4	21.3	19.8	20.7	20.6	72	55	78	68	9.3	
7	25.0	26.1	24.3	19.9	20.4	20.7	20.3	65	59	81	68	12.0	
8	24.8	25.5	23.8	20.0	18.9	20.3	19.7	69	53	83	68	12.5	
9	24.3	24.8	22.6	18.5	18.0	17.3	17.9	61	52	66	58	7.8	
10	23.7	24.4	23.7	17.5	20.3	19.7	19.2	57	76	78	70	12.2	
11	23.8	24.1	22.7	17.6	17.4	17.5	17.5	57	53	67	59	11.6	
12	23.9	24.7	23.3	17.7	18.1	19.3	18.4	58	54	77	63	12.0	
13	24.2	25.2	23.7	18.8	18.7	20.2	19.2	64	54	83	67	12.5	
14	24.7	25.8	23.3	19.2	19.4	19.2	19.3	63	54	76	64	12.5	
15	24.8	25.4	23.1	19.7	18.9	18.9	19.2	66	54	77	66	12.5	
16	25.2	25.8	24.3	20.7	19.6	21.0	20.4	70	55	83	69	12.5	
17	25.0	25.9	24.1	20.5	19.4	20.2	20.0	72	53	77	67	12.3	
18	24.9	26.6	24.9	19.8	20.0	21.1	20.3	66	56	77	66	10.5	
19	25.2	25.9	23.8	20.4	19.7	19.1	19.7	67	55	72	65	7.2	
20	24.2	25.2	23.4	18.3	18.3	19.4	18.7	60	51	78	63	11.7	
21	25.1	25.8	24.3	18.0	19.5	21.0	19.5	68	55	84	69	12.3	
22	25.2	26.2	24.5	21.3	20.4	21.1	20.9	75	58	82	72	12.2	
23	25.5	26.3	24.7	21.2	21.0	21.3	21.2	72	59	81	71	12.0	
24	25.0	24.8	22.6	19.9	17.6	17.2	18.2	65	49	66	60	12.0	
25	23.2	24.8	22.8	16.5	17.6	17.9	17.3	54	49	71	58	11.9	
26	24.3	25.4	24.3	18.0	19.4	20.8	19.4	58	57	80	65	11.6	
27	25.6	26.6	25.6	20.6	21.4	22.4	21.5	61	61	81	68	10.0	
28	25.8	26.9	21.9	21.4	21.4	16.0	19.6	68	58	62	63	3.3	
29	24.9	26.3	23.9	19.1	20.2	20.3	19.9	59	55	76	63	10.5	
30	24.8	26.5	24.1	19.1	20.1	19.9	19.7	60	53	76	63	12.0	
31	24.9	26.0	24.3	19.3	20.1	20.8	20.1	61	57	80	66	11.1	
				19.21	19.44	19.66	19.44	63.6	55.5	75.9	65.0	11.21	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
10-year averages are for period, 1875-1924

AUGUST 1935

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	0	0	0.3	2w	2sw	1w	324.3	calm	
2	0	1stcu	0	0.3	2w	3sw	3sw	519.8	slight	
3	0	3cu	0	1.0	2sw	2sw	1sw	324.6	„	
4	1cu	0	0	0.3	2sw	2sw	0	221.3	„	haze p.m.
5	4cu	4cu	0	2.7	2sw	3sw	3sw	291.0	mod.	
6	5cu	2cu	0	2.3	1sw	2sw	1sw	320.3	slight	
7	0	1cu	1cu	0.7	2sw	1sw	0	571.9	calm	
8	0	0	0	0.0	2sw	1sw	0	289.4	slight	
9	2cu	2cu	1cu	1.7	1sw	2sw	2sw	226.4	calm	
10	4cu	2cu	0	2.0	2sw	3w	3w	319.7	slight	
11	0	4cu	6cu	3.3	1w	4sw	2sw	508.2	mod.	
12	1cu	3cu	0	1.3	1sw	2sw	0	283.5	slight	
13	1stcu	1cu	0	0.7	1sw	1sw	0	98.5	calm	
14	0	2stcu	0	0.7	1sw	2sw	0	41.2	„	
15	0	0	0	0.0	0	0	0	53.9	„	
16	2cu	0	0	0.7	1sw	1sw	0	106.5	calm	
17	3cu	0	0	1.0	1sw	1sw	0	73.0	„	
18	3stcu	3stcu	5stcu	3.7	2sw	0	2n	119.1	„	haze p.m.
19	6stcu	2stcu	4stcu	4.0	0	3nw	3w	63.9	„	
20	0	1cu	0	0.3	1sw	1w	0	364.9	„	
21	0	0	0	0.0	0	1w	0	86.9	„	
22	3cu	0	0	1.0	1sw	2sw	0	126.1	„	
23	0	1cu	0	0.3	3sw	2sw	0	252.7	slight	
24	3stcu	2stcu	3cu	2.7	3sw	2sw	2sw	303.9	„	
25	3stcu	2stcu	2st	2.3	0	1sw	0	169.1	„	
26	1stcu	0	8stcu	3.0	1w	2nw	2n	30.8	„	
27	3cu	0	10cu	4.3	2n	2n	0	22.5	„	haze p.m.
28	9st	9st	2st	6.7	0	1nw	0	31.4	calm	
29	3cu	2cu	2cu	2.3	0	2w	0	42.4	„	
30	0	0	0	0.0	0	1w	0	47.8	„	
31	0	8stcu	3cu	3.7	1sw	1sw	0	16.4	„	
				1.7	1.2	1.7	0.8	201.65		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	19	4	0	7	31
14:30	1	0	0	0	0	20	5	3	2	31
20:30	2	0	0	0	0	7	3	0	19	31
Totals	4	0	0	0	0	46	12	3	28	

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 0.2